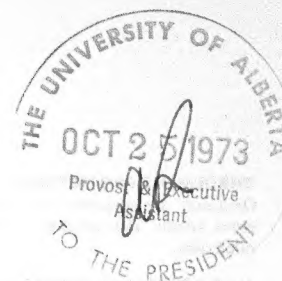


# FOLIO



THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON, ALBERTA

OCTOBER 25, 1973

## AGENDA FOR GENERAL FACULTIES COUNCIL MEETING

*The following agenda has been received from MARGARET M. MIDGLEY, Secretary to General Faculties Council.*

A meeting of General Faculties Council will be held on Monday, October 29, 1973 at 2 p.m. in the Council Chamber, University Hall.

1. Approval of the agenda.
2. Approval of minutes
  - 2.1 minutes of September 10, 1973
  - 2.2 minutes of September 24, 1973
  - 2.3 minutes of October 1, 1973.
3. Question period: question from Mr. G. J. DRAPER.
4. Spring Session, Summer Session, and Off-campus Credit Courses Committee: annual report.
5. Faculty of Arts: proposal concerning degrees with distinction.
6. GFC Nominating Committee: election of replacement.
7. GFC Nominating Committee: report.
8. Undergraduate Interdisciplinary Environmental Studies Program: report of the Academic Development Committee.
9. Resolution from B. M. BARKER: freedom of conscience in the USSR.

## IMMEDIATE TREATMENT FOR ATHLETIC INJURIES

Despite the development of improved training techniques and better protective equipment, potential injury is inherent in most sports. Students who sustain injuries in Physical Education classes or intramural or intervarsity sports are usually directed to RAY KELLY, who has been the University's Athletic Therapist since 1966. Ninety-five percent of the injuries he sees are sub-clinical and can be treated by him; these include bruises, sprains, strains and minor lacerations. The other five percent—concussions, fractures—are treated by medical doctors.

At this time of year, most of Kelly's patients are football players, who are involved in what he terms a "collision" sport rather than a "contact" sport. The equipment the team members wear varies with the positions they play. All of it is designed either to lessen

the impact when players collide or to support certain muscles, or both.

There are pads for the elbow, hand, and forearm, and kidney protectors with extra padding over the hips and coccyx. There are nylon and acrylic shoulder pads that come in heavier, sturdier versions for linemen. Football pants have inside pockets for thigh and knee pads and are made of a stretch fabric that keeps the pads in place and supports the muscles in the upper leg. The weight and sturdiness of the shoes depends on the player's position. If the playing field is frozen, the cleated shoes are left in the dressing room and the players wear broomball shoes instead. Still in the experimental stage is a shoe designed for artificial turf. Called the "swivel" type, it is intended to cut down on the knee injuries caused when a player's torso turns but his feet don't. The shoe is equipped with a circular swivel-disc under the ball of the foot. The disc has four cleats that keep the shoe firmly planted, but it allows the leg and knee to turn with the torso. There is a similar disc, with two rectangular rather than pointed cleats, under the heel.

In terms of protection, the helmet is the most important piece of equipment. The Bears wear moulded plastic helmets with "eight-point suspension"—a series of air pockets that surround the head and spread the shock of impact. The number of bars on the aluminum face masks varies—linemen have vertical bars to protect the nose; receivers, whose vision might be blocked by vertical bars, have only those bars across the mouth and chin. Few of the players wear rubber mouth guards, and there is an extremely low incidence of tooth injuries.

If a player is injured, Kelly is one of the first people to examine him. Any player who is referred to a doctor takes with him a written report of Kelly's initial observations—observations that may not be evident when the player is examined two or three hours later. Following treatment (if it's surgery, Kelly goes to the operating room to watch and takes notes), Kelly receives a complete medical report from the doctor and sets up a recovery program for the player. His programs are based partly on medical fact and partly on his intuition.

His reputation can be gauged by the comments of one of Edmonton's most

respected orthopaedic surgeons who, after operating on a University player, referred him back to Kelly for therapy. The surgeon's words were bellowed across the line when Kelly phoned for some reassurance that he had drawn up the proper therapy program: "Don't perform operations, Kelly, and I won't rehabilitate."

## INSTITUTIONAL RESEARCH PROJECTS

The projects listed below are now under way in the Office of Institutional Research and Planning. They are summarized here for the information of readers, similar summaries being published at intervals. The last one appeared June 28.

Inquiries should be directed to the project officer listed for each project (to the name with the asterisk where there are several names) at the Office of Institutional Research and Planning, 1-16 University Hall, telephone 432-5295.

### I. STUDENT RELATED PROJECTS

Description	Project Officers
<b>PARTICIPATION IN UNIVERSITY-LEVEL EDUCATION</b> Investigation of Canada-wide enrolment figures, 1966-67 to 1970-71 with provincial comparisons, male-female ratios, ratio of 18-21 year olds, and enrolment trends.	M. Holland
<b>HIGH SCHOOL NON-DEPARTMENTAL EXAM STUDENTS</b> Preliminary investigation of methodologies which might be used in comparing students entering University without writing departmental examinations.	M. Holland* D. Otto
<b>ADULT STUDENTS</b> Admissions policy, success rate, and characteristics of mature students."	S. Batt
<b>CHANGING STUDENT ATTITUDES AND VALUES</b> A survey study of student opinions and reactions towards some of the current social, political, and educational issues.	N. Mehra
<b>STUDENT FLOW STUDIES</b> Historical analysis of promotion, transfer, and withdrawal rates at the faculty level.	J. Litwin

#### ENROLMENT PROJECTIONS

On-going investigation of enrolment trends and enrolment methodologies.

#### MATH PREPARATION FOR UNIVERSITY

A study of high school math preparation as seen by students.

#### COMMITTEE ON RECREATION SPACE

Accumulating data in order to assess present and future needs of physical education and recreation space.

#### CANADIAN COLLEGE WOMEN: A PROFILE

A research description of the general background characteristics, academic interests, aspirations, and achievements of undergraduate women at The University of Alberta.

#### RETENTION AND WITHDRAWAL OF UNDERGRADUATES AT THE UNIVERSITY OF ALBERTA

To determine the overall undergraduate attrition or graduation rate; to discover a typology of withdrawals; and to identify correlates of graduating and withdrawing.

### II. STAFF RELATED PROJECTS

Description	Project Officers
<b>COMMITTEE TO INVESTIGATE TEACHING</b>	D. J. Otto

- (i) Room 289 Central Academic Building and Room M232 Biological Sciences Building.
- (ii) Index of College Activities.
- (iii) Literature survey: faculty pedagogy study.
- (iv) Examination of off campus extension teaching of physical therapists.

P. Haney

M. Holland\*  
D. Otto

J. Litwin

N. Mehra

N. Mehra

#### ECONOMIC IMPACT OF THE UNIVERSITY OF ALBERTA

Library search and preliminary data collection.

#### SENATE TASK FORCE STUDY ON THE STATUS OF WOMEN AT THE UNIVERSITY OF ALBERTA

A preliminary study of the structure of salaries of women employees at The University of Alberta.

G. N. S. Zaharia

N. Mehra

### III. COURSE RELATED PROJECTS

Description	Project Officers
<b>HISTORICAL DATA</b> Weekly student hours, weekly contact hours, full-time equivalent staff, faculty enrolments 1964-65 to 1972-73. Forwarded to all deans and directors; provided for departments upon request.	H. Gahr

<b>WEEKLY STUDENT HOURS—WEEKLY CONTACT HOURS (1973-74)</b> Compilation of preliminary statistics.	H. Gahr
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<b>STUDENT MARK ANALYSIS</b> (a) Analysis of course, department, and faculty level marks for the 1971-72 and 1972-73 academic years. (b) Analysis of residence students' marks at the course, department, and faculty levels of aggregation for the 1972-73 academic year.	J. Litwin
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<b>WEEKLY STUDENT HOUR MATRIX</b> Preliminary analysis of 1973-74 data.	D. Wener
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<b>MA IN COMMUNITY DEVELOPMENT</b> Description and analysis of program history for Community Development Review Committee.	S. Batt
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### IV. FACILITIES RELATED PROJECTS

Description	Project Officers
<b>SPACE UTILIZATION ANALYSIS</b> (i) Report programming - updating and analysis of use. (ii) Teaching space utilization - updating and analysis. (iii) Office and research space utilization - updating and analysis. (iv) Space projections.	G. Fester

<b>FORMULA SPACE STUDY</b> Analysis and updating for formula space indices and methods.	G. Fester
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<b>UNIVERSITY TRANSPORTATION PREDICTION MODEL</b> An examination of the probable transportation requirements of the University in the future.	W. J. Williamson
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<b>PROJECT PLANNING</b> (i) Revised detailed programs (a) Dentistry (b) Pharmacy	W. J. Williamson* W. A. Hansen
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- (ii) Campus Development Committee study of food facilities and campus housing considerations.
- (iii) Rapid transit - preliminary investigation on probable use of rapid transit by University of Alberta.
- (iv) Program development - Michener Park Recreation Centre.

SPACE MANAGEMENT AND INVENTORY	W. A. Hansen
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- (i) Space implications of new construction  
(a) Education 2-1  
(b) Special project General Services Building  
(c) Special project Printing Services Building
- (ii) Interim space requests
- (iii) Physical survey of new buildings for space inventory  
(a) Medical Sciences 2  
(b) Cameron Library  
(c) Rutherford Library
- (iv) Perpetual inventory update.

<b>REVIEW AND UPGRADING</b> Review of present and older facilities in conjunction with Campus Development Office to ascertain costs and feasibility of upgrading older buildings.	W. J. Williamson
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### V. FINANCE RELATED PROJECTS

Description	Project Officers
<b>THE UNIVERSITY OF ALBERTA COST STUDY</b> Allocation of financial resources to programs of study for 1972-73.	D. Wener

<b>DEPARTMENTAL RATIOS</b> Computed ratios for three years, viz. average weekly contact hours per full-time faculty member, average weekly student hours per full-time faculty member, etc., department by department and faculty by faculty.	D. J. Otto* M. Holland
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<b>BUDGET MODELS FOR UNIVERSITY PLANNING</b> Review of models to determine application.	D. Wener
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<b>STAFF RESOURCES REQUIREMENTS</b> Preliminary projections for staff requirements planning.	D. Wener
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### VI. SYSTEMS RELATED PROJECTS

Description	Project Officers
<b>UNIVERSITY INFORMATION SYSTEM</b> Examination of current environment in light of Task Force Report on Information Needs and Systems.	P. Haney

<b>GLOSSARY OF TERMS</b> Preparation of definitions for an index of student, staff, course, and workload related terms.	P. Haney
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# FOLIO

#### THE UNIVERSITY OF ALBERTA, EDMONTON, ALBERTA

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Marcy McKissock, Editor

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Staff: Jeanette Rothrock (Acting Publications Officer), Norma Gutteridge (Copy and Design Editor), Marjorie Olsen and David Norwood (Editorial Assistants)

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## NOTICES

### SELECTION AND REVIEW COMMITTEES

The following notice has been received from MRS. PAT MAERTZ, Secretary to the General Faculties Council Nominating Committee.

The regulations governing the composition of selection and review committees for department chairmen require that one member, not a member of the department concerned, be elected by General Faculties Council. The GFC Nominating Committee is at present considering nominations for members to serve on the Review Committee for Chairman of the Department of Slavic Languages and the Selection Committees for chairmen of the departments of Comparative Literature, Anthropology, and Music.

The Nominating Committee will be pleased to receive suggestions for nominations and interested persons should contact MRS. PAT MAERTZ, 2-1 University Hall, telephone 432-4965.

### NEW SEMINAR SERIES

The Faculty of Physical Education and Recreation has announced the 1973-74 series of Routledge Memorial Seminars in memory of Robert Routledge. They will be held twice a month, on Wednesdays, at 3 p.m. in the Physical Education and Recreation Centre, East Wing, room E-120. Details of date, topic, and speaker will be announced in "This Week and Next."

Dr. Routledge was an outstanding teacher and leader in the fields of physical education and recreation, and his legacy continues to be widely acknowledged both at The University of Alberta and throughout Canada.

### STRIKES THE CAUSE OF LIBRARY INCONVENIENCES

The Library Administration would like to explain the cause of various inconveniences to library users which have become apparent since the opening of the new Rutherford Library. Furnishings are by no means complete, carrels and desks are lacking, and there are no reading tables whatsoever.

These deficiencies have arisen because of the rail strike. The contractor's installation date has long since passed, but materials for the construction of the furniture have not yet been delivered to him. The earliest delivery of steel that can be expected is the end of October, after which time must be allowed for production. The strike is also the reason that there are no door signs, numbers, or directories. Temporary signs are being posted, but it is expected that the permanent ones will be available fairly soon now that materials are once again being shipped.

Yet another strike has affected the telephone service. The absence of telephones in some new office areas has made it impossible for users to call certain numbers. The work order was submitted to Edmonton Telephones last February, but at the time the work should have been done support staff at Edmonton Telephones were on strike. However, most of the telephones have now been installed.

The Library regrets these inconveniences to its users.

### WINTER SWIM PROGRAM

There will be a competitive swim class for children between noon and 1 p.m. starting January 12, 1974. Children should be registered as for normal childrens' swim classes. For further information call R. D. KIRSTEIN at 432-3570.

### LANGUAGE MADE VISIBLE

"Language Made Visible" is an exhibition of the origin, development, and application of alphabets, at the Students' Union Art Gallery. This pictorial survey, covering some major writing systems and alphabets from pre-biblical times to the present, was researched, compiled, and designed by WALTER JUNGKIND, KEN HUGHES and PETER BARTL of the Department of Art and Design. The exhibition was assisted by departmental funds and it includes work by students of typographic design in the Department of Art and Design.

The 15 panels on show depict historic specimens from Cuneiform to Devanagari, from Petroglyphs to electronic typesetting. There are samples of typographic humor and experiments from several countries. A series of diagrams explain computer research into typographic form. Graduate students HILARY FEDORUK and MAUREEN MISSAL show some of their work, and PAT WHITNEY has taken some shots at Edmonton's monumental typography.

Advice and suggestions were received from R. K. DASGUPTA, Visiting Professor of Comparative Literature; T. M. S. PRIESTLY, Assistant Professor of Slavic Languages; MISS A. CRAWFORD, Assistant Professor of Linguistics; and MEL PERRY, Analyst in the Department of Computing Services.

The exhibition will run until November 5.

### SENATE TASK FORCE REQUESTS COMMENTS

The Senate Task Force on Physical Planning seeks comments on the physical planning process at the University. Are the division of powers and procedures associated with physical planning meeting the needs of the University community and of the public? Should changes in the process of physical planning be contemplated?

The Task Force welcomes comment as soon as possible, by letter, telephone or meetings. Contact should be made with WILLIAM THORSELL, Executive Officer of the Senate, at 432-1268.



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## FOLIO Monthly Calendar

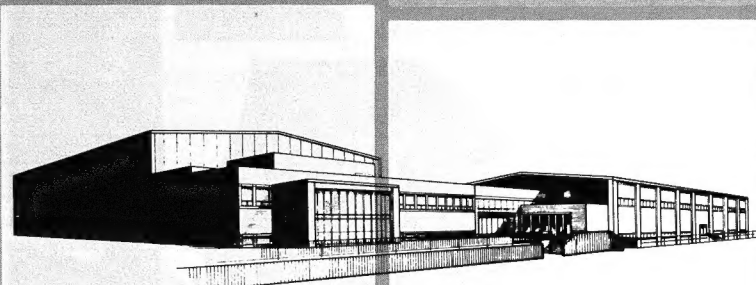
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FOLIO MONTHLY CALENDAR lists the University's important meetings. Use it for your own appointments and memos. Entries for the December Calendar should be received before November 16. Compiled by NORMA GUTTERIDGE, telephone 432-4991.

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## October 1973

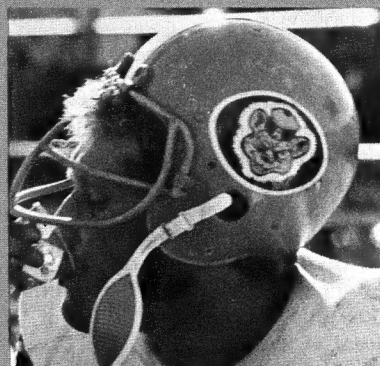
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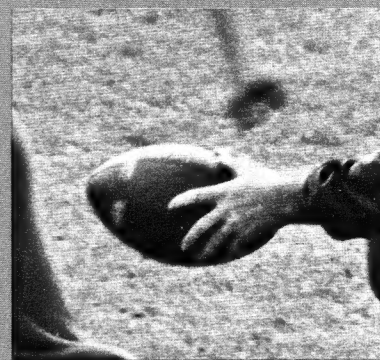
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■ Remembrance Day.

■ Statutory holiday. University buildings closed.

■ 4:45 p.m. Meeting of departmental representatives of the Non-Academic Staff Association.

■ 2 p.m. Special Meeting of General Faculties Council to debate the Report of the GFC *ad hoc* Committee to study the role of GFC.

■ 2 p.m. Meeting of the Campus Development Committee.  
■ 7:30 p.m. Meeting of the Council on Students Affairs.

■ 2 p.m. Meeting of General Faculties Council.

■ 2 p.m. Meeting of the Campus Development Committee.

■ 9 a.m. Meeting of the Academic Development Committee.

■ 9 a.m. Meeting of the Academic Development Committee.  
■ 1:30 p.m. Meeting of the University Planning Committee.

■ 9 a.m. Meeting of the Academic Development Committee.

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■ 9 a.m. Meeting of the Academic Development Committee.

■ Notice of intention regarding attendance at Fall Convocation must be given by 4:30 p.m.  
■ 9 a.m. Meeting of the Board of Governors.

■ Last day for withdrawing from first term courses in Faculties of Arts, Education, and Science, and in Collège Universitaire Saint-Jean.  
■ 9 a.m. Meeting of the Board of Governors.  
■ 2 p.m. Meeting of the Council on Graduate Studies and Research.

■ 2 p.m. Fall Convocation.

■ Senate meets at Red Deer College.

CDC 11:00

12:15

CDC 11:00

■ 4 p.m. Meeting of the Nominating Committee of General Faculties Council.

## PEOPLE

■ P. R. GORHAM, Professor and Chairman of Botany, is to receive an honorary Doctor of Science degree at the University of New Brunswick's fall convocation.

■ JOHN KING-FARLOW, Professor of Philosophy, GARY D. PRIDEAUX, Associate Professor of Linguistics, and F. J. PELLETIER, Assistant Professor of Philosophy and MSc candidate in the Department of Linguistics, contributed to recent negotiations in Toronto for the first joint meetings of the Canadian Linguistics Association and the Canadian Philosophical Association.

■ W. T. FAGAN, Associate Professor of Elementary Education, recently attended a meeting of the Teacher Education Committee of the International Reading Association (IRA) held in Minneapolis. While there he also participated in the Second Plains Regional IRA Conference.

■ C. G. HAMPSON, Professor of Secondary Education, gave the keynote address to the Saskatchewan Teachers' Convention in Saskatoon.

■ DOUGLAS BARBOUR, Assistant Professor of English, presented a paper at the sixth Secondary Universe Conference, "The Writer and Science Fiction" held this year at Pennsylvania State University.

■ C. M. RODKIEWICZ, Professor of Mechanical Engineering, gave an opening address in the Jubilee Auditorium at the Nicolaus Copernicus Quincentenary Concert.

■ MANOLY R. S. LUPUL, Professor of Educational Foundations, convened the second Prairie Provinces regional meeting of the Canadian Consultative Council on Multiculturalism during September at the Scandinavian Centre in Edmonton. Dr. Lupul was appointed regional chairman by the federal government last May and had presented a paper at the first meeting in June. Last week he presented a paper at the first meeting of the Council in Ottawa, to the workshop on Culture and Language Retention.

■ At the Rocky Mountain Regional Convention of the International Reading Association held last week in Boise, Idaho, ALLEN BERGER, Professor of Elementary Education, presented a paper on reading and study improvement in high school and college, presented a paper on the education of seminar for school administrators, and presented a paper on the educational of Indians. Dr. Berger is President-elect of the Rocky Mountain Reading Specialists Association which conducted its annual invitational meeting prior to the regional convention.

■ STEPHEN H. ARNOLD, Assistant Professor of Comparative Literature, gave a paper and

was one of nine group secretaries at the Rome Special World Futures Research Conference, in September. His participation was sponsored by the Instituto Di Ricerce Applicate Documentziowe E Studi of Rome, and the Canada Council.

■ Two piano compositions by VIOLET ARCHER, Professor of Music, have just been published by the Waterloo Music Company Limited. Entitled "A quiet chat" and "Lydian mood," they appear in a series called *Horizens* which has been compiled by the publisher for the Western Board of Music.

■ L. C. GREEN, University Professor and member of the Department of Political Science, attended the second annual conference of the Canadian Council on International Law, held this month in Ottawa, to which he submitted his Report on the Nature and Control of International Terrorism.

■ SALEEM QURESHI, Professor of Political Science, has been invited to read a paper at the annual conference of the Middle East Studies Association of North America, to be held in Milwaukee, Wisconsin in November.

■ BERNARD ROCHET, Assistant Professor of Romance Languages, presented a paper at the annual meeting of the Western Conference on Linguistics (WECOL) held at the University of Victoria.

■ ALLISON CONNELL, Associate Professor of Romance Languages, attended the Annual Conference of the Victorian Studies Association of Western Canada, held in Victoria.

■ H. CLIFTON YOUNG, Associate Professor of Business Administration and Commerce, addressed the general business meeting of the Industrial Research Institute's convention held in Chicago. He also gave a workshop which, together with the address, was based on an award winning dissertation that Dr. Young completed last spring.

## THIS WEEK AND NEXT

*Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred. Compiled by NORMA GUTTERIDGE, 432-4991.*

### 25 OCTOBER, THURSDAY

#### CKUA Radio

6:45 p.m. Music hour—Symphony in D Minor, Franck; Introduction and Rondo Capriccioso, Saint-Saens.  
7:45 p.m. Radio talks—"Football is here to stay" by JAMES DONLEVY, Assistant Professor of Physical Education. 580 kc. - 98.1 mc.

#### National Film Theatre

7 p.m. *Luci del Varieta/Lights of Variety*, directed by Alberto Lattuada and Federico Fellini. Italian dialogue with English subtitles. Southgate Library Theatre. Also showing 7 p.m. Friday, 26 October in the Music Room of the Edmonton Central Library. Membership not required. Admission free at both locations.

### 26 OCTOBER, FRIDAY

#### Faculty Club

Downstairs. TGIF—members' appreciation night. Hip of beef, salad, baked apple. \$2.

#### Student Cinema

6:30 and 9 p.m. *Last of the Red Hot Lovers* starring Alan Arkin and Sally Kellerman. Students' Union Theatre. Admission 50 cents in advance at SUB Information Desk, \$1 at the door.

#### CKUA Radio

6:45 p.m. Music hour—music taped at various concerts at The University of Alberta.  
7:45 p.m. Radio talks—"Man and energy," part 4, by DEREK WILSON, Associate Professor of Elementary Education, Geology, History. 580 kc. - 98.1 mc.

#### 'Homecoming'

8 to 10 p.m. "Meet the profs" wine and cheese party. Upstairs at the Faculty Club. Tickets, \$2.50 each, available from the Alumni Office, Students' Union Building, sixth floor.

#### Alliance Francaise d'Edmonton

8 p.m. Soiree Folklorique. Bring records with the music of dances from your region - Bretagne, Auvergne, Provence, etc., or Slavic or Asiatic dances. Come in costume if possible. Refreshments on sale at moderate prices. Collège Universitaire Saint-Jean, 8406 91 Street.

#### International Folk Dancing

9 to 11 p.m. *And every Friday evening.* Everyone welcome. Physical Education Building, room 110. Admission 50 cents.

### 27 OCTOBER, SATURDAY

#### Volleyball

8 a.m. to 6 p.m. University of Alberta High School Invitational. All gymnasiums.

#### 'Homecoming'

11:30 a.m. Pre-game luncheon at Lister Hall. Tickets, \$1.50 each (includes football game), available at the Alumni Office, Students' Union Building, sixth floor.

#### Football

2 p.m. The Golden Bears vs. The University of Calgary Dinosaurs. Varsity Stadium.

#### Faculty Club

Downstairs. 6 to 9 p.m. Casual dining at the Soup Tureen—cookie leekie, sausages-lentil soup. \$2.75.

Upstairs. Regular dinner menu served 6 to 10 p.m. Dancing to the Dixieland Five 9 p.m. until midnight.

#### 'Homecoming'

6:30 p.m. Reception for Homecoming banquet and ball. Dinner served at 7:45 p.m. Dancing 9 p.m. until midnight. Lister Hall. Tickets, \$7 each, available from the Alumni Office, Students' Union Building, sixth floor.

#### Student Cinema

And 28 October, Sunday. 6:30 and 9 p.m. *Lady Sings the Blues* starring Diana Ross. Students' Union Theatre. Admission 50 cents in advance at SUB Information Desk, \$1 at the door.

#### CKUA Radio

6:45 p.m. Music hour—Dowland and Byrd lute music played by Julian Bream; English Suite No. 2 in A Minor; Bach; *Invitation to the Dance*, Weber. 580 kc. - 98.1 mc.

#### Sitar Concert

8:30 p.m. RAVI SHANKAR in concert. Jubilee Auditorium. Tickets from Mike's, telephone 424-8911 or 429-0848.

### 28 OCTOBER, SUNDAY

#### Hockey

2 p.m. And 29 October, Monday at 8:30 p.m. Golden Bears vs. The University of Toronto. Varsity Arena.

### 29 OCTOBER, MONDAY

#### CKUA Radio

6:45 p.m. Music hour—*Herodiade*, Massenet. 7:45 p.m. Radio talks—"Voices from the mist" by BILL MEILEN, Assistant Professor of Drama. 580 kc. - 98.1 mc.

#### Edmonton Film Society—Classic Series

8 p.m. *Horse Feathers* with the Marx Brothers (USA, 1932). Henry Marshall Tory Building lecture theatre.

### 30 OCTOBER, TUESDAY

#### CKUA Radio

6:45 p.m. Music hour—*Gaite Parisienne*, Offenbach; *Seven Studies on Themes of Paul Klee*, Schuller.

7:45 p.m. Radio talks—"Copyright and the University" by PETER LOWN, Associate Professor of Law. 580 kc. - 98.1 mc.

#### Public Meeting

8 p.m. Discussion on the legal status of mental patients, sponsored by the Alberta Human Rights and Civil Liberties Association. The speaker is P. FLOR-HENRY, Psychiatrist on staff of the Alberta Hospital. Students' Union Building, room 142.

### 31 OCTOBER, WEDNESDAY

#### Brown Bag Session

12:15 p.m. "The society of Newfoundland. The task of societal classification" by GORDON FEARN, Assistant Professor of Sociology. Henry Marshall Tory Building, room 5-15.

#### Routledge Memorial Seminar

3 p.m. "Observations of physical education activities in Europe" by H. J. MC LACHLIN, Associate Dean of Physical Education and Recreation. Physical Education and Recreation Centre, East Wing, room E-120 (see "Notices").

#### Botany Seminar

4:30 p.m. First in a series of seminars sponsored by the Department of Botany. "Problems in ecosystem modeling" by DAVID GOODALL, Utah State University. Coffee served from 4 p.m. Biological Sciences Centre, Centre Wing, room 230.

#### CKUA Radio

6:45 p.m. Music hour—Septet in E Flat, Op. 20, Beethoven; *Dumbarton Oaks*, Stravinsky. 7:45 p.m. Radio talks—"Inigo Jones" by JOHN ORRELL, Professor of English. 10:30 p.m. Panel discussion—"Consumer rights in health care" moderated by JAMES SHAW, Associate Professor of Extension. 580 kc. - 98.1 mc.

#### Edmonton Film Society—Political Cinema

8 p.m. *Dutchman* (Great Britain, 1967) and *Will the Real Norman Mailer Please Stand Up* (Canada, 1970). Henry Marshall Tory Building, TL-11.

### 1 NOVEMBER, THURSDAY

#### CKUA Radio

6:45 p.m. Music hour—Violin Concerto No. 1 Paganini; Symphony No. 5 in E Flat Major, Op. 82, Sibelius. 7:45 p.m. Radio talks—"The bitter brothers—poetry of Ireland" by BILL MEILEN, Assistant Professor of Drama. 580 kc. - 98.1 mc.

#### National Film Theatre

7 p.m. *Umberto D* directed by Vittorio De Sica (Italy, 1952). Italian dialogue with English subtitles. Southgate Library Theatre. Also showing 7 p.m. Friday, 2 November at

the Edmonton Central Library Theatre. No memberships required, admission free.

#### Edmonton Opera Association

And 3 November, Saturday and 5 November, Monday. 8 p.m. Gounod's *Faust* with BERNARD TURGEON, JUDITH FORST and DORIS YARICK. Sung in French. Jubilee Auditorium. Tickets from the Opera Box Office at the Bay 422-7200.

### 2 NOVEMBER, FRIDAY

#### CKUA Radio

6:45 p.m. Music hour—music taped at various concerts at The University of Alberta.

7:45 p.m. Radio talks—"Man and materials (1)" by DEREK WILSON, Associate Professor of Elementary Education, Geology, History. 580 kc. - 98.1 mc.

#### Dramatic Presentation

And 3 November, Saturday. 8 p.m. JOHN STUART ANDERSON, British actor, presents programs from the Bible—"Tales of a nation" and "The record of St. John" with spoken word, mime, costume and music in a solo performance. All Saints' Cathedral, 103 Street South of Jasper Avenue. Admission: Adults \$2.50, children under 12 and senior citizens \$1.25. Tickets at the door.

#### Television North Program 'Dance'

8:30 p.m. The Alberta Contemporary Dancers explore music written specifically for the dance, and music which has been chosen to go with a dance. Cable 13.

#### Hockey

And 3 November, Saturday. 8:30 p.m. Golden Bears vs. The University of Winnipeg. Varsity Arena.

#### Television North Program 'Explorations in Shakespeare'

9 p.m. *Anthony and Cleopatra*. How Shakespeare explored and examined the world of love in his play. Cable 13.

### 3 NOVEMBER, SATURDAY

#### Saturday Forum

10 a.m. "Ethical issues in medicine" by GERALD L. HIGGINS. Henry Marshall Tory Building, room 14-6.

#### All-day Discussion

10 a.m. to 5 p.m. "The restless earth." A discussion of the motion of the earth's surface and its consequences for geology and mineral exploration, by J. JACOBS, Director, Earth and Planetary Physics Institute; R. ST. J. LAMBERT, Professor and Chairman of Geology; E. R. KANASEWICH, Professor and Acting Chairman

of Physics; and I. GOUGH, Professor of Physics. Sponsored by the Department of Extension. Pre-registration at Corbett Hall, room 228: \$10 per person or \$15 per couple.

#### CKUA Radio

6:45 p.m. Music hour—immortal melodies for piano and orchestra; Elegie, Faure; Lyric Suite, Grieg. 580 kc. - 98.1 mc.

### EXHIBITIONS AND PLAYS

#### SUB Art Gallery

Until 5 November. "Language made visible" researched, compiled and designed by WALTER JUNGKIND, KEN HUGHES and PETER BARTL, Department of Art and Design. Hours: 9 a.m. to 10 p.m. Monday to Friday; Saturday and Sunday, 2 to 10 p.m. Admission free (see "Notices").

#### Studio Theatre

Until 10 November. Curtain times: nightly at 8:30 p.m., excluding Sundays; Saturday matinees at 2:30 p.m. *Blood Wedding*, directed by FRANK BUECKERT, Professor of Drama. Studio Theatre, Corbett Hall. Admission \$2.50, University students free. Tickets from Fine Arts Centre, room 3-146 telephone 432-1495.

#### Le Theatre Francais d'Edmonton

26, 27 and 28 October, 2, 3, and 4 November. Curtain times: Fridays and Saturdays, 8:30 p.m., Sundays, 2:30 p.m. The first play of the French Canadian playwright Marcel Dube, *Zone*. Collège Universitaire Saint-Jean auditorium, 8406 91 Street. Tickets \$2 (students \$1.25) at the door.

#### Theatre 3

Until 28 October. Harold Pinter's *Old Times*. Curtain times: Tuesday, Wednesday, Thursday, and Friday, 8:30 p.m.; Saturday, 7 and 10:30 p.m.; Sunday, 2 and 7:30 p.m. Centennial Library Theatre. Tickets from Theatre 3, 709 9990 Jasper Avenue (telephone 424-3488).

### PERSONAL NOTICES

Notices must be received by 9 a.m. the Friday prior to publication. Rate is ten cents per word for the first insertion and five cents per word for subsequent insertions ordered with the first. Minimum charge is \$1. To avoid billing, notices must be paid in advance. For assistance or order blanks, telephone 432-4991.

#### Accommodation available

FOR RENT—Four-bedroom side duplex, two baths, rumpus room, stove, fridge, broadloom, drapes. \$275. 435-4951.

FOR SALE—(1) Investment property close to University. 1½ storey older home, yielding \$285/month. Clear title. (2) Buy now to build on later. Choice lots including one with river view. Astute purchaser will move now. Call Millie-Lynne McLean, Spencer Real Estate, 452-5850 or 435-7896.

FREE ROOM/BOARD offered to mature woman student. Minimal responsibilities as resident adviser to group of women undergraduates. Close to campus. Telephone 482-3508 after five.

FOR RENT—Two-bedroom furnished, main floor, garage. 10934 76 Avenue. 424-7082 evenings.

ROOM TO RENT—House to share. Close to University. 439-3868.

FOR RENT—Fully furnished three-bedroom bungalow, 148 Laurier Drive. Extremely reasonable rent includes TV. Available November 15. Telephone 482-4501 or 432-3732.

FOR RENT—January through July 1974, large home, four-bedrooms plus study, in Grandview; completely furnished. 432-4710 or 432-3880; or 434-6188 evenings.

FOR RENT—Four-bedroom Alcan Condominium on ravine lot, St. Albert. Five appliances, 1½ baths, outside services, covered parking and plug-in included. \$220/month. Call 452-5319 after 6 p.m.

#### Accommodation wanted

WANTED—Quiet accommodation, January - April, walking distance to University. 434-0286.

WANTED TO BUY—Two- or three-bedroom home, Belgravia, Windsor Park, spring possession satisfactory. 432-5573, 436-4739 (evenings).

#### Automobiles and accessories

FOR SALE—1969 15' Sprite trailer; sleeps four; canvas add-a-room, propane furnace, electric/propane fridge, separate brakes, many other features. Robison, 432-4221, 487-3363.

FOR SALE—1968 Chevrolet Impala, "Supersport," original owner, excellent condition, 307-V8, automatic. 432-2294.

FOR SALE—1963 Volkswagen with new snow tires. Fair condition; many thousands of miles left. \$200. 433-3721.

FOR SALE—1968 Volkswagen deluxe. Excellent condition. Radio, gas heater, block heater, four new tires, winter studded tires. \$975 firm. Contact Pat, 432-5348, 432-1158; 11218 87 Avenue. FOR SALE—1970 Landrover L.W.B., winch, chains, hubs, winter tires, roll bars, roof rack, spare parts. Excellent condition. Call Jean, 432-3316 399-5680 (evenings).

FOR SALE—1970 Landrover Camper, sleeps four, stove, sink, canopy roof, 467-8016 after 5:30.

#### Goods and services

FOR SALE—Three single-size (39") Sealy box springs, \$45 each. 436-1407.

FOR SALE—Black Persian lamb coat; new style; size 14-16. Telephone 433-2336.

RETOUCHING SERVICE—prints or negatives, b/w or color. Improve the quality of your publication, illustrations. Tom, 432-5450, 399-5010.

CUSTOM DRESSMAKING AND DESIGNING. Phone Jacqueline, 433-4870.

FOR SALE—23" b/w TV; beautiful maple cabinet, \$75; cartop ski rack, \$5; interior car heater, timer, \$10; Koflach plastic ski boots, ladies' 7, used twice, \$25; ladies' ski pants, size 10, melon, navy, green; never worn, \$10/pair. 433-6257.

FOR SALE—54-volume Britannica Great Books, 10-volume Gateway to Great Books, 10-volume The Great Ideas Program. All new. 469-2586.

FOR SALE—Kenmore washer/spin dryer (apartment size), like new. Mrs. J. Besson, 12936 116 Street.

FOR SALE—23" black and white Admiral TV, with instant play and double speakers. Like new. 435-6194.

POTTERY, BATIKS, WEAVING, PLANT SALE—Mugs, bowls, lamps, candle holders, pendants, planters, objects to behold, wall hangings, pillows, belts, etc. Saturday November 10 from 9 a.m. to 6 p.m. 5415 114B Street (off 51 Avenue). 434-1836.

FOR SALE—Large mahogany dining table, five rosewood chairs one Spanish pole-lamp. 435-4951.

FOR SALE—Teak arm-chair (bucket seat), skis, rocking chair. 432-8498 after six.

FOR SALE—Twin bed, \$75. Call 433-0707 after 10 p.m.

A NEW LOOK IN INTERIOR PLANTING—Acrylic and leaded glass terrariums, hanging planters, macrame hangers, fluorescent plant stands. A great variety of unusual cacti, succulent and tropical plants. Flowers for all occasions. Inquire about special rates for University and student functions. THE CACTUS FLOWER HOUSE, 9520 87 Street, 465-1111.

TYPING DONE—Fast efficient service. Georgina Barton, 429-3219 or 489-4810.

GOING AWAY FOR CHRISTMAS? How about planning your trip now? Scandinavia, England, Hawaii, Mexico, or even to Vancouver or the Maritimes. Bookings get heavy at that time so why wait? Book now to avoid disappointment; it doesn't cost any more. Call Iris Rosen at 488-8181.

EXCURSION FARES—recommenced October 1 coast to coast; so how about those business trips, conferences, etc? We arrange domestic bookings, i.e., Canada and U.S., as well as international ones, and attend to flights, hotels and car rentals. For further information call Iris Rosen & Associates, 488-8181.

PLUMBING—FOR FREE ESTIMATES on basement bathrooms, repairs, alterations etc. call 439-4670, anytime.

### POSITIONS VACANT

#### NON-ACADEMIC STAFF

Applicants are sought for the following positions. The Office of Personnel Services and Staff Relations (Room 121, Administration Building) will provide further details to interested persons, who are not to approach the department directly.

Clerk Typist I (\$323-\$412)—Purchasing; Pathology

Clerk Typist II (\$354-\$453)—Office of the

Comptroller; Fund Development; Surgery;

Psychology

Entomology; Provincial Laboratory

Clerk Steno I (\$338-\$431)—Classics

Clerk Steno II (\$372-\$475)—Educational

Psychology

Clerk Steno III (\$431-\$549)—Mineral Engineering

Clerk Typist I (Half-time) (\$177/month)—Collège Saint-Jean

Clerk Typist I (Part-time) (\$177/month)—

Biochemistry

Timetable Scheduling Clerk (\$412-\$523)—Office of the Registrar

Switchboard Operator (\$372-\$475)—Physical Plant

Student Record Processing Clerk (\$431-\$549)—

Office of the Registrar

Electronics Technician I (\$549-\$701)—Technical Services

Assistant Micro-Analyst (To be established)—Geology

Audiovisual Technician III (\$701-\$895)—

Audiovisual Media Centre

Duplicating Equipment Operator II (2) (\$412-\$523)—

Duplicating

Senior Analyst (\$1,087-\$1,388)—Office of

Administrative Systems

Pathology Technologist II (\$637-\$812)—Pathology

Assistant Control Clerk I (\$323-\$412)—Computing

Services

Personnel Assistant (\$701-\$895)—Personnel Services

and Staff Relations

Fabricator II (\$668-\$852)—Technical Services